

Routine confirmation samples were collected from the bottom of HVS-2B-1 following excavation. Analytical results for the HVS-2B-1 confirmation sampling are presented in GEL Laboratories report 236436, issued on 9/10/09. One of the samples exhibited elevated Copper, which is regulated by California, but not under RCRA, at 1,550 ppm. A slightly elevated concentration of Lead was also detected at 54.3 ppm. These results suggested a small pocket of Copper and Lead impacted soil in this area.

As a result of the elevated concentrations, California Waste Extraction Tests (WET) were ordered for the samples to determine the status of the impacted soil relative to California Soluble Threshold Limit Concentration (STLC) thresholds. Additionally, another sample was collected from the area and submitted for analysis of Semi-Volatile Compound (SVOC) concentrations.

To assure proper management of the soil while the WET laboratory analyses were being

				0300	0300	0112
				HZET0300S001	HZET0300D001	ISWC0112S001
Sample Name:				9/1/2009	9/1/2009	9/14/2009
Collection Date:				3.5 - 4.0	3.5 - 4.0	--
Sample Depth (feet) ^a :						
Copper	mg/kg	2,500	250	--	362	1,550
Copper, WET	mg/L	--	--	--	13.8	13.2
Lead	mg/kg	1,000	50	100	--	54.3
Lead, WET	mg/L	--	--	--	47.1	1.85
1,2,4-Trichlorobenzene	µg/kg	--	--	--	--	<333
1,2-Dichlorobenzene	µg/kg	--	--	--	--	<333
1,2-Diphenylh.590251(y)9.93324(l)E						

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	Sample Name:	HZET0300S001	HZET0300D001	ISWC0112S001	
	Collection Date:	9/1/2009	9/1/2009	9/14/2009	
	Sample Depth (feet) ^a :	3.5 - 4.0	3.5 - 4.0	--	
		s	s		
Aniline	µg/kg	--	--	--	<333
Anthracene	µg/kg	--	--	--	<33.3
Benzidine	µg/kg	--	--	--	<333
Benzo(a)anthracene	µg/kg	--	--	--	<33.3
Benzo(a)pyrene	µg/kg	--	--	--	<33.3
Benzo(b)fluoranthene	µg/kg	--	--	--	<33.3
Benzo(ghi)perylene	µg/kg	--	--	--	<33.3
Benzo(k)fluoranthene	µg/kg	--	--	--	<33.3
Benzoic acid	µg/kg	--	--	--	<666
Benzyl alcohol	µg/kg	--	--	--	<333
Bis(2-chloroethoxy)methane	µg/kg	--	--	--	<333
Bis(2-chloroethyl)ether	µg/kg	--	--	--	<333
Bis(2-chloroisopropyl)ether	µg/kg	--	--	--	<333
bis(2-Ethylhexyl)phthalate	µg/kg	--	--	--	83.7 J

$$\frac{1}{\pi} \int_{-\pi}^{\pi} \left(\frac{1}{2} + \sum_{n=1}^{\infty} (-1)^n \cos(n\theta) \right) \frac{1}{2} + \sum_{n=1}^{\infty} (-1)^n \cos(n\theta) d\theta = \frac{1}{2} + \sum_{n=1}^{\infty} (-1)^n \cos(n\theta) \cdot \frac{1}{2} = \frac{1}{2}$$